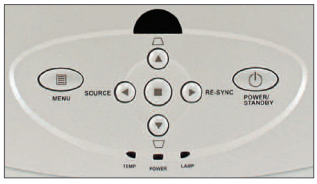
3M™ Digital Projector

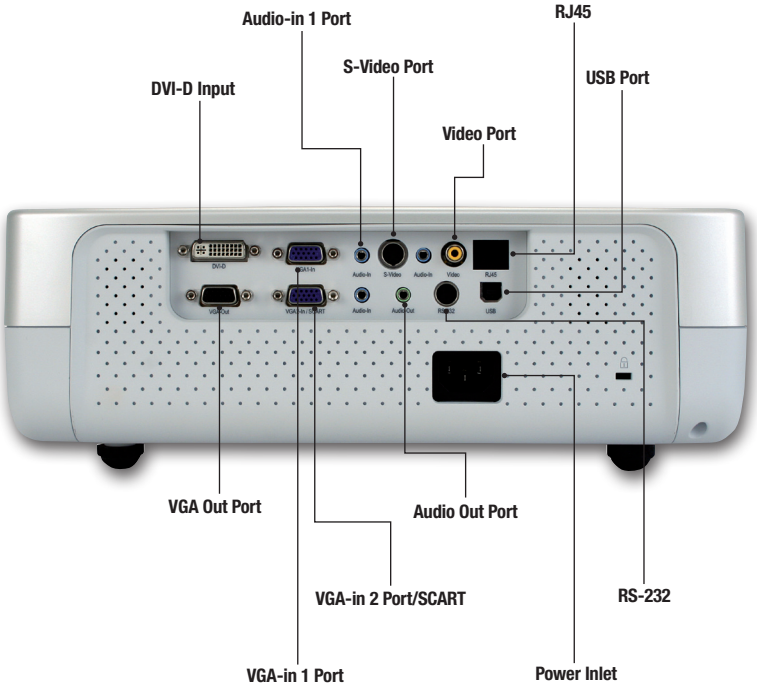
Utilising the XGA DarkChip3™ DLP® Technology from Texas Instruments, the 3M Digital Projector DX70 offers a bright 3800 ANSI Lumen video and data display that will make your images command attention. The full connectivity makes this an ideal projector for larger conference or training rooms, boardrooms, ballrooms or virtually any multi-purpose environment that requires crisp, clear multi-media display. For customers looking to the DLP technology for longer projector life.

Features

- XGA (1024 x 768) Resolution
- 3800 ANSI Lumens
- Lightweight at only 3.6kg
- Digital Keystone Correction
- 2 RGB Inputs, 1 RGB Output
- 4:3 native aspect ratio; 16:9 supported
- DVI-D Input
- Network Control
- 30" - 350" Image Range

Digital Projector DX70: 78-9236-6926-7





www.3M.co.uk/meetings

3M™ Digital Projector DX70 Specifications and Accessories

Optical

Resolution:	Native: True XGA (1024 x 768)
Maximum:	UXGA (1600 x 1200)
Imager set:	Single 0.7" XGA DarkChip3™ DLP® Technology by Texas Instruments
Aspect Ratio:	4:3 Native and 16:9 Supported
Colors:	16.7 Million True Colors (24 bit)
Brightness:	3800 ANSI Lumens (Maximum Rating)
Contrast Ratio:	2500:1
Projection Lens:	F2.4-2.6 (f=28 - 33.6mm)
Screen Size (range):	30-350" Diagonal
Zoom / Focus:	Manual
Zoom Ratio:	1.2:1
Optional Lenses:	NA
Lamp:	Osram 300W (Normal Mode), 250W (Whisper)
Lamp Life:	2000 Hours (Normal Mode), Up to 3000 Hours (Whisper Mode)

System Specifications

Video Compatibility:	NTSC, NTSC 4.43, PAL (B, D, G, H, I, M, N) SECAM (B, D, G, K, KI, L)
SDTV/HDTV:	525i (480i), 525p (480p), 625i (576i), 750p (720p@60Hz),1125i (1080i@60Hz)
Computer Resolution:	640x480 (VGA), 800x600 (SVGA), *resolution digitally compressed 1024x768 (XGA), 1280x1024* (SXGA),1400x1050* (SXGA), 1600x1200* (UXGA), 832x624 (MAC 16")
Digital Keystone Correction:	Vertical and Horizontal: +/-15°
Audio:	2 x 2W
Noise Level:	Normal 38dB; Whisper 35dB
Horizontal Scan:	31.5-91 kHz
Vertical Scan:	56-85Hz
Power Consumption:	385W (Normal Mode), 320W (Whisper)
Power Supply: Universal:	100-120V/220-240V, 50/60Hz
Regulatory Approvals:	UL, cUL, FCC Part 15 Class B, CE, EN60950-1, WEEE
Operating Temperature/Altitude:	5°-35°C/0-2500 Ft, 5°-30°C/2500-5000 Ft 5°-25° C/5000-10000 Ft
Storage Temperature:	-4°-140°F (-20° to 60°C)
Maximum Humidity:	80% RH with No Condensation

Size

Dimensions (W x H x D):	13.2" x 3.9" x 9.8" (335 x 100 x 250mm)
Weight:	3.6Kg

Technical Support

Free unlimited software downloads and updates available on our website at www.3M.co.uk/meetings

Screen Size (Diagonal)	Image Size 4:3		Image Size 16.9	
	Projection Distance		Projection Distance	
	Minimum (m)	Maximum (m)	Minimum (m)	Maximum (m)
40 (1.0)	64 (1.6)	77 (2.0)	70 (1.8)	84 (2.1)
60 (1.5)	96 (2.4)	115 (2.9)	105 (2.7)	125 (3.2)
100 (2.5)	160 (4.1)	192 (4.9)	174 (4.4)	209 (5.3)
150 (3.8)	240 (6.1)	288 (7.3)	261 (6.6)	314 (8.0)
200 (5.1)	320 (8.0)	384 (9.8)	348 (8.8)	418 (10.6)
300 (7.6)	480 (12.2)	576 (14.6)	522 (13.3)	627 (15.9)

Note: These sizes are +10 percent. This is due to variations in the maufacture of the lens. If you are close to one of the endpoints you should verify with your unit that the image is the proper size at the proper distance.

Warranties

Projector: 3 Years or 4000 Hours
Lamp: 90 days or 180 Hours

Connections

Computer
3 - Analog RGB (2 inputs, 1 output)
1 - USB Mouse (M1-D)
1 - Serial Control
1 - Network Control
1 - DVI-D Input

Video
1 - Composite (RCA Jack)
1 - S-Video (Mini-Din 4 pin)
1 - Component (RCA Jacks x3)
1 - Video/Audio (1 In/Out -shared)

Audio in/out
2 - Mini Stereo Jack Ins
1 - Mini Stereo Jack Out

Accessories Included

- Power Cords (US, UK, Europe)
- Remote Control (with 2 AA batteries)
- Multi-language Operator's Guide CD
- VGA/RGB Cable
- S-Video Cable
- USB Cable

Optional Accessories

• Lamp Replacement Kit (LKDX70)	78-6969-9918-0
• Universal Ceiling Mount	78-6969-9874-5

For help and advice on proper disposal of mercury lamps, and other WEEE matters, contact us on weee.uk@mmm.com or 01344 858 880

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